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				Applic	ation Number		687, 324	
				Filing	Date	October 16, 2003		
DISCLOSURE STATEMENT I			BY	First Names Inventor		Robert Urscheler		
				Art Ur	nit iner Name	1762 Katha	rine A. Bareford	
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Sheet		of 3		Attorn	ey Docket Number	62733	3C	
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## SUPPLEMENTAL INFORMATION **DISCLOSURE STATEMENT BY**

**APPLICANT** (Use as many sheets as necessary)

Application Number	10/687, 324	
Filing Date	October 16, 2003	
First Names Inventor	Robert Urscheler	
Art Unit	1762	
Examiner Name	Katherine A. Bareford	
Attorney Docket Number	62733C	

Complete if Known

	Cite	Document Number	Publication	NT DOCUMENTS  Name of Patentee or Applicant	Pages, Columns, Lines, Where	Τ,
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			Filing Date First Names Inventor	Robert Urscheler			
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	(4	Use as many sheets as necessary)	Art Unit	Katherine A. Bareford			
		T	Examiner Name	62733C			
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Application Number 10/687,<del>326-</del> 324 Filing Date 10/16/2003 First Named Inventor Urscheler, et al. Art Unit 1762 **Examiner Name** Katherine A. Bareford **Attorney Docket Number** 62733C

			U. S. PATE	NT DOCUMENTS	
Examiner Initials*	Cite	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
	No. <sup>1</sup>	Number-Kind Code <sup>2</sup> (# known)	(IVIIVI-DD-TTTT)	Cited Document	Passages or Relevant Figures Appear
IM		US-2,761,419	02/23/1955	Mercier et al.	
(B)		US-3,005,440	01/08/1959	Padday .	
(1)2		US-4,041,897	08/16/1977	Ade	
103		US-4,569,863	02/11/1986	Koepke et al.	
Var		US-4,975,304	12/04/1990	Kawahara et al.	
Vis		US-5,118,533	06/02/1992	Saji et al	
VI		US-5,224,996	07/06/1993	Ghys et al.	
		US-5,234,500	08/10/1993	Korokeyi, Solomon T.	
100		US-5,270,355	12/14/1993	Kawano et al.	
133		US-5,447,753	09/05/1995	Noda, et al.	
W		US-5,505,995	04/09/1996	Leonard, William K.	
W		US-5,506,000	04/09/1996	Leonard, William K.	
100		US-5,654,039	08/05/1997	Wenzel et al.	
B.		US-5,789,031	08/04/1998	Hirabayashi et al.	
VB.		US-5,885,659	03/23/1999	Takahashi et al.	· · · · · · · · · · · · · · · · · · ·
UB		US-6,060,206	05/09/2000	Hanaki et al.	· · · · · · · · · · · · · · · · · · ·
UB UB VI		US-6,146,690	11/14/2000	Kustermann, Martin	
Wh	N- 5	US-6,294,023	09/25/2001	Katagiri et al.	The second secon
103		US-6,335,085	01/01/2002	Asano et al.	
63		US-6,358,306	03/19/2002	Hanada et al.	
UB		US-6,458,413	10/01/2002	Hirabayashi et al.	
1B		US-6,479,107	11/12/2002	Katagiri et al.	
102		US-6,558,740	05/06/2003	Santo et al.	
100		US-6,579,569	06/17/2003	Bermel et al.	
(0)		US-6,746,718	06/08/2007	Yasuro Yokota	
m		US-2001/0008653	07/19/2001	Katagiri et al.	· · · · · · · · · · · · · · · · · · ·
in		US-2002/0009549	01/24/2002	Ogawa	
1/85		US-2003/0188839	10/09/2003	Urscheler	
165		US-2003-0194501	10/16/2003	Urscheler, et al.	
M		US-2004-0121079	06/14/2004	Urscheler, et al.	

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Substitute for form 1449/PTO  INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known			
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Sheet	2	of	2	Examiner Name Attorney Docket Number	Katherine A. Bareford 62733C

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Country Code <sup>3</sup> - Number-Kind	Publication Date (MM-DD-	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	т6
	170.	Code <sup>5</sup> (# known)	<b>YYYY)</b>		Figures Appear	
r83		WO 02/084029	10/24/2002	Urscheler, et al.		
(A)		WO 2004/035931	04/29/2004	Urscheler, et al.		
WŠ		JP 03-222221B (Derwent Abstract Provided)	1994	Mitsubishi Paper Mills Ltd.		
Vo		JP 03-222293B (Derwent Abstract Provided)	1995	Mitsubishi Paper Mills Ltd.		
VB.		JP 11-192777 (English Abstract Provided)	05/01/1998	Fuji Photo Film Co., Ltd.		
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